



**alienbrain®**

Release Notes



This Guide was written and edited by the Software Development and Documentation Teams at Avid Development GmbH, Munich, Germany.

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## **Change List and Known Issues**



## Release Notes for Alienbrain 8.0

There are significant upgrades and changes between Alienbrain Version 8.0 and previous versions. Please read this document thoroughly and should you have any questions with regards to items in it, then please contact one of our local Application Engineers.

It is very important that administrators also read the document entitled "Changes You Need to Know About Starting in Version 8" on page 20 to find out administration-specific information and installation procedure changes for version 8.



**If you are upgrading to Alienbrain 8.0, you need to get a new license key prior to installation.** You cannot complete the upgrade installation without an updated license key. To request your permanent key, please e-mail the Hardware ID displayed in the Licenses view of the Administration Client to [licensing@alienbrain.com](mailto:licensing@alienbrain.com), and specify what type/how many licenses you need. See "Upgrading Alienbrain to Version 8.0" for details on the available clients and the client mapping for 8.0.



The **alienbrain.xml** file which configures the preview server is overwritten at the time of upgrade because of significant changes to the preview server. The old file is backed up to **alienbrain.xml\_BAK**.

Please compare the two files and merge any necessary changes into the new **alienbrain.xml** file. In the new file, the `ServerEnableDiskGuard` setting is now "no" and the `ServerCacheDiskTimeout` setting is "200days". Previously only files older than 10 years were deleted, and in the new version, deleting old files is disabled (if enabled, the default is 200 days). Files are only deleted when disk space runs out (this is unchanged). Additionally the current file now has defaults of `ServerCacheMemoryTimeout="2hours"` (previously 12 hours) and `ServerCacheGuardRescanDelay="1hours"` (previously 1 day).

## Where to Find Help

### Documentation

Guides for Alienbrain 8.0 are available as PDFs and as Online Help under:

- **Start > Programs > Alienbrain > Documentation**
- **C:\Program Files\alienbrain\Documentation** on the client

- **C:\Program Files\alienbrain\WebRoot\Documentation\Installation Guide** on the server machine

## Alienbrain Wiki and FAQ

Replacing the former Alienbrain forum, we now offer an Alienbrain Wiki which features a comprehensive FAQ section:

<http://alienbrain.wiki.avid.com/>

You'll find an abundance of information in these pages.

For additional inquiries, do not hesitate to contact Alienbrain support at [support@alienbrain.com](mailto:support@alienbrain.com)

(The Alienbrain forum remains available for customers on a valid maintenance contract.)

## Supported Platforms and Integrations

### Supported Client Platforms

Alienbrain 8.0 client is supported to run on these operating systems:

- Windows NT 4 Workstation, NT 4 Server
- Windows 2000 Professional, Server, Advanced Server, Datacenter Edition
- Windows XP Home, Windows XP Professional (SP 2 or later)
- Windows Vista
- Windows Server 2003, Standard Edition, Enterprise Edition, Datacenter Edition
- Linux/i386
- Mac OS X 10.2, 10.3, 10.4

### Supported Server Platforms

Alienbrain 8.0 server is supported to run on these operating systems:

- Windows NT 4 Server
- Windows 2000 Server, Advanced Server, Datacenter Edition (SP 4 or later)
- Windows Server 2003, Standard Edition, Enterprise Edition, Datacenter Edition (SP 1 or later)

### Supported Integrations

Alienbrain 8.0 integrations include the following third party applications:

- Autodesk Maya: 7.0, 8.0, 8.5
- Autodesk 3dsMax: 8.0, 9.0
- Autodesk AliasStudio: 12.0, 13.0
- Softimage XSI: 5.0, 5.1, 6.0
- Adobe Photoshop: 7.0, 8.0 (CS), 9.0 (CS2)

- Microsoft Visual Studio: 2003, 2005
- The MS Office Integration has been dropped.

## Important Installation and Update Notes

### Windows Vista Compatibility

- Installation -  
Sometimes the Alienbrain installer needs to re-boot and continue the installation. When prompted, confirm the continuation so that the installation can be properly completed.
- Icons in list -  
Under some circumstances the icons (thumbnail view) may display a bit distorted.

### Windows User Rights

We recommend that you run your Alienbrain Client application on at least Windows PowerUser rights. With rights less than PowerUser rights Windows does not allow Alienbrain to write or modify files in the Alienbrain installation folder.  
So running an Alienbrain Client with e.g. standard User rights the following doesn't work:

- Installation of Alienbrain
- Update/Customization installation using the package installer
- Generation and update of log files and error reports
- Your customizations might want to have write access as well
- Generally all operations that try to write into the Alienbrain installation folder.

### Licensing

If you want to upgrade an Alienbrain 7.x version to Alienbrain 8, you need to request a new license key first. If you are upgrading an Alienbrain 6.x version to Alienbrain 8, please contact Alienbrain support.

### Database Location

(The following paragraph does not apply to you if you are running Alienbrain 7.5.2 and newer. If you are running Alienbrain 7.5.1 or older please read ahead.)

The Alienbrain database (meta data information, \_Database folder) MUST reside on the Alienbrain server machine. However, until Alienbrain 7.5.1, the server did not enforce this and could load databases located on a remote network share. This could lead to database inconsistencies and database corruption.

Starting with Alienbrain 7.5.2, and still in 8.0, the server will not load remote databases anymore.

We STRONGLY recommend using the tool SplitSetupCheck.exe (found on the CD in folder \Tools\NXNSplitSetupCheck) to verify your configuration BEFORE upgrading a 7.5.1 server to 8.0. It generates a



report and point out projects causing problems. If you encounter reported errors, please refer to the following description and document:

<http://alienbrain.wiki.avid.com/index.php/>

FAQ: Administration: ServerAdmin: DbAndAssetsStorage: 1.

### **Health Monitor Journal Thread Warning:**

(The following paragraph does not apply to you if you are running Alienbrain 7.5.2 and newer. If you are running Alienbrain 7.5.1 or older please read ahead.)

During backup and under rare circumstances, the Health Monitor may report that the journal thread is unresponsive or not operating. If you experienced this behaviour in 7.5.0 or 7.5.1 and got the hotfix from support, it is IMPORTANT that you delete the following key in the registry:

HKEY\_LOCAL\_MACHINE\SOFTWARE\NxN\alienbrain\DatabaseServer\HealthMonitor.

### **Project Converter in 8.0**

(The following paragraph does not apply to you if you are running Alienbrain 7.5.2 and newer. If you are running Alienbrain 7.5.1 or older please read ahead.)

Users who converted projects from 6.0 to 7.x and still want to use these projects in 8.0 must run the new command tool (ProjectConverterRun2.exe) provided with 8.0. This new converter fixes the following issues:

- Bucketing aborts when assets in different folders in the tree have the same name
- Preview unavailable for assets converted from 6.0 to 7.5.1

Use the following procedure:

1. Shut down the server and make a backup (asset & database). See the Alienbrain Administration Guide for the database (Metadata) backup process.

2. Run the following commands:

```
ProjectConverterRun2.exe rollback -s
```

```
"\\SERVER\\SHARE\\Project_file.pro"
```

```
ProjectConverterRun2.exe convert -s
```

```
"\\SERVER\\SHARE\\Project_file.pro"
```

**NOTE:** Users converting from 6.x to 8.0 should follow the instructions above, however we HIGHLY recommend to run the conversion on a test system first. Before applying changes to the live system, please send the ProjectConverterRun2 logfile along with the Database consistency check log to [support@alienbrain.com](mailto:support@alienbrain.com) for approval.

### **File Folder Branching**

In past releases (up to 7.1.x), users were able to create file folder branches using the option available in the File and Folder Branching tab (Branching Manager Utility).

However, this utility was making it unnecessarily hard for branching managers to maintain branches when more than one file/folder were added to this branch, or if the unique added folder was not the root folder of the base branch.

Therefore, since 7.5.0, this type of branch creation was not possible anymore, and the tab "File and Folder Branching" option was removed. For already existing branches, this tab was still displayed but actions were limited to branch name or type edits.

7.5.2, 8.0 and later releases do not allow the sub-branch creation based on existing file folder branches. However, if this file folder branch contains a unique folder which corresponds to the root folder of its base branch, sub-branch creation remains possible.

## Changes and Enhancements to the Alienbrain Administration

### **Bucketing**

The bucket feature in the Administration Client has been re-designed in order provide a specific view instead of the Bucketing wizard. This offers a more robust and powerful user interface as well as a faster search for bucketable items on the server. New search criteria and the use of user defined configuration sets (templates) have also been introduced.

### **Central License Server (CLS)**

CLS provides a way to manage licenses centrally across several Alienbrain servers (in case of load distribution among several Alienbrain servers for example). Each project server will forward license requests to the CLS. From now on, every new user connecting to a project (from any machine) will lock one of the available licenses. This license belongs exclusively to this particular user until it is explicitly released by the administrator (e.g., if the user does not connect to projects anymore). If the CLS is unavailable or unreachable, projects servers will fall back to their local license cache, thus enabling already licensed users to connect to projects. New users can not aquire licenses while the CLS is unavailable. The local license cache expires after approximately 7 days.

### **Grouped Projects**

A group comprises two or more projects. Groups are useful when you want to perform the same process (e.g. backup, consistency check) on a number of projects without having to launch the task for each single project. To create a group, right-click in the tree area view on the left and select New > Project Group.

### **Scheduled Backups**

Backup schedules can now be configured for Backup project groups in the Administration client

### **Scheduled Consistency Checks**

Consistency checks schedules can now be configured for Consistency check project groups Administration client.

<b>Low License Count Warning</b>	A Service Health Monitor license warning was added. Low License count can be displayed in the Service Health Monitor. The threshold of the warning can be configured in the Administration client.
<b>Search User</b>	The Search user feature now supports searching for substrings and the display of all matching users.
<b>Create Project</b>	Until now there was no edit control for the selection of the database & asset paths in the Administration Client. The Browse dialog was used instead, but proved not too practical for the selection of hidden shares. If the Custom locations option is selected, you can now edit the path directly in the field. Upon clicking Apply, an error message will be triggered if the location seized does not exist.

## Changes and Enhancements for the Windows Client

### Enhancements/Improvements

<b>Remote Client and Client Cache</b>	<p>The Remote Client is a lean subset of your full-featured client and designed to speed up operation via a remote or otherwise slow or insufficient client-server connection. The Remote Client can be activated or deactivated at any time (<b>File &gt; Slow Connection Mode</b>).</p> <p>The Shared Client Cache is another means of facilitating remote access, particularly for a group of people sharing a pool of common files. Frequently used data can be kept in the cache, thus reducing traffic between remote and local sites.</p> <p>(User Guide)</p>
<b>Immediate Split</b>	<p>The Branch creation now contains a new option, allowing users to specify whether they wish to have:</p> <ol style="list-style-type: none"><li>1. Items in the new branch sharing properties (meta data) with their parent items (those in the parent branch) until a new version of the item is created in one or the other branch. This was the default and unique behavior until now.</li></ol> <p>Or:</p> <ol style="list-style-type: none"><li>2. Items in the new branch being, at the time of the branch creation, meta data independent from their parents (they will not share the same properties). This is now the default behavior.</li></ol>
<b>Make Writable</b>	"Make writable" is now multi-selection aware. Note that the entry is always visible inside a project for multi-selections. The event script does not work recursive, though.
<b>Change Sets Behaviour</b>	In pre-8 versions, when the Change Set feature was disabled, "Import" was immediate (no check-in needed). With Change Sets enabled,

there was no possibility to immediately import. Now a new option for the Import Command.

**Working Path Warning**

To avoid working path confusions for multiple users/branches, a new warning alerts users if they set a working path that is already in use.

**More Efficient File Import**

Up to version 8 there was no faster way than a multi selection to import new files into an already imported folder. The context menu now features the Import command and can be used to import all new files recursively.

## **Changes and Enhancements for the Cross Platform Client**

### **Supported Version Changes**

The Cross Platform Client no longer supports Microsoft Windows. It is available for Linux and Mac OS only.

## **Changes and Enhancements to the Project Converter**

Please see the note under "Important Installation and Update Notes" on page 5.

## **Changes and Enhancements for the Command Line Tool**

The Command Line Tool is unchanged from previous versions.

## **Changes and Enhancements to the Integrations**

### **Supported Integration Changes**

The Microsoft Office integration is no longer supported. To open and edit an MS Office document, right-click the file name in the Alienbrain Client.

## **Enhancements/Improvements**

**Visual Studio**

The Visual Studio integration does now perform "Checkout" in the past.

**.NET SDK Command Wrappers**

In addition to the classes in `NXN.Alienbrain.SDK` the namespace `NXN.Alienbrain.SDK.Commands` contains auto-generated wrappers for several Alienbrain commands. These command wrappers are derived from the Command class and expose the command input and output

parameters as properties. Also the commands response handlers `Command.HideResponseDialog` are exposed by a corresponding response class `CheckIn.Response` which can be accessed via the `Answer` property.

**Maya 8.5 supported**      The Alienbrain Integration for Maya 8.5 is part of Alienbrain version 8.0.

## Known Issues in Version 8.0

### Administration Issues

**Administration Client > User Management > Disable Login**      When this checkbox is ticked, the particular user cannot work on the specified project anymore. However, this feature works ONLY when the project in question resides on the server to which the Admin Client is currently connected to. Another restriction applies: Disable Login works only for projects residing on the CCS (Central Configuration Server).

The easy way to exclude users from accessing certain projects is to set their `UserRole = None`. But take a note of their prior role, because when you want to reinstate access rights you`ll have to go back to this information (particularly when Custom Rights had been assigned).

**Administration Client > Active Project > Lock Project**      Locking a project will remove all central configuration settings from this project.

**Project Server may keep on loading \_InternalData**      Moving the CCS from one to another server will cause the former CCS server to keep on loading `_InternalData` project even though it is not CCS anymore.  
Therefore, while running through the Administration Client panels, you may see `_InternalData` from project servers - please ignore this.

### Cross-Platform Client Issues

**Mac OS X Tiger/ Mac OS X Panther**      The new Mac client has been compiled on a Mac OS X Tiger using gcc 4.0 compiler.  
Therefore, launching the client on Mac OS X Panther, which per default offers gcc 3.4 native libraries, might lead to problems. The solution is to install the latest gcc libraries.

## Bug Fixes & Resolved Issues

The following known issues have been resolved in Alienbrain 8.0:

## Server/Communication Bridges

<b>Fill Bucket</b>	Fill Bucket failed completely when it could not bucket a particular file. This was corrected: Instead of failing completely, it will now skip the missing files and add them to the FailedFiles ParamOut command
<b>Visual Studio</b>	Binding of a Visual Studio project did not work when the project had been manually imported via the Advanced client.
<b>Central Configuration Server</b>	CCS user synchronisation could fail on specific user names because of a wrong RegularExpression.
<b>Project Converter</b>	Since 7.5, the Project Converter used to report an „Unhandled consistency problem 7030“ which actually did not indicate any particular problem.

## Clients / Integration API / Client Customization

<b>Visual Studio 2005</b>	Using Alienbrain Integration for Visual Studio (7.5.x) with Visual Studio 2005 and with Change Sets enabled, you may have run into a problem with structural changes (Rename or Delete). Although everything seems to work fine for the user who makes the changes, they were not visible for other users.
<b>Create Share</b>	The Create Share command did retrieve the latest version of the item, but it did not update the version number in the local file info. Therefore the share item did show a version '?/4' or something alike. (UDEVO0218304).
<b>Advanced Search Pane</b>	The SignOff states from the last search were not stored correctly (after a Reset). If the Signoff Workflow is disabled, the Advanced Search Page contains a scripting error in AssignedUser.xml.
<b>Properties Dialog</b>	The size calculation in the Properties dialog used 'signed long': This means that the largest size it could display correctly was about 2.1 GB. If it was larger than that, the value was interpreted as a negative value. If it was larger than ~4.2 GB, it did overflow the 32bit value and the value was then completely wrong.
<b>Time Stamp</b>	Time stamp of labels created were set to daylight saving time (off by one hour) (UDEVO0218119).
<b>Short File Names</b>	During Import via the API short filenames (8.3 filenames) were not expanded and therefore the Alienbrain server treated this as a new folder. The local path parameter is now expanded to long path name.

**GetLatest Fail**

GetLatest could fail silently if the structural change synchronization fails. From version 8.0 on, when GetLatest fails, it will be aborted and the user will be informed.

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## **Upgrading Alienbrain to Version 8.0**





# Upgrading Alienbrain to Version 8.0

## Upgrading from Any Version

### Get a New Key First



**If you are upgrading to Alienbrain 8.0, you need to get a new key prior to installation.** You cannot complete the upgrade installation without an updated license key. Please e-mail the Hardware ID displayed in the Licenses view of the Administration Client to [licensing@alienbrain.com](mailto:licensing@alienbrain.com) and specify what type/how many licenses you need. The old client names are mapped to new clients as follows:

- **Manager Client > Advanced Client**
- **Designer Client > Essentials for Artists**
- **Developer Client > Essentials for Programmers**

The key will be provided by support in the form of a registration file (\*.nxn).

#### **License Key Meanings:**

KEY-R: Reader

KEY-C: Essentials for Programmers (incl. Araxis Merge)

KEY-EI: Essentials for Artists

KEY-EIA: Essentials for Artists (incl. Araxis Merge)

KEY-I: Advanced Client

KEY-IA: Advanced Client (incl. Araxis Merge)

KEY-L: Advanced Cross-Platform for Linux Client

KEY-M: Advanced Cross-Platform for Mac OS Client

KEY-E: Advanced Cross-Platform for Windows Client

KEY-X: Cross-platform Client (If a client uses Key-M or Key-L, the server will first consult its M and L pools respectively, and only if there are no available M or L licenses will consult the X pool.)

When you start your installation, the following screen will appear, in which you must enter a valid license key for Alienbrain 8.0.

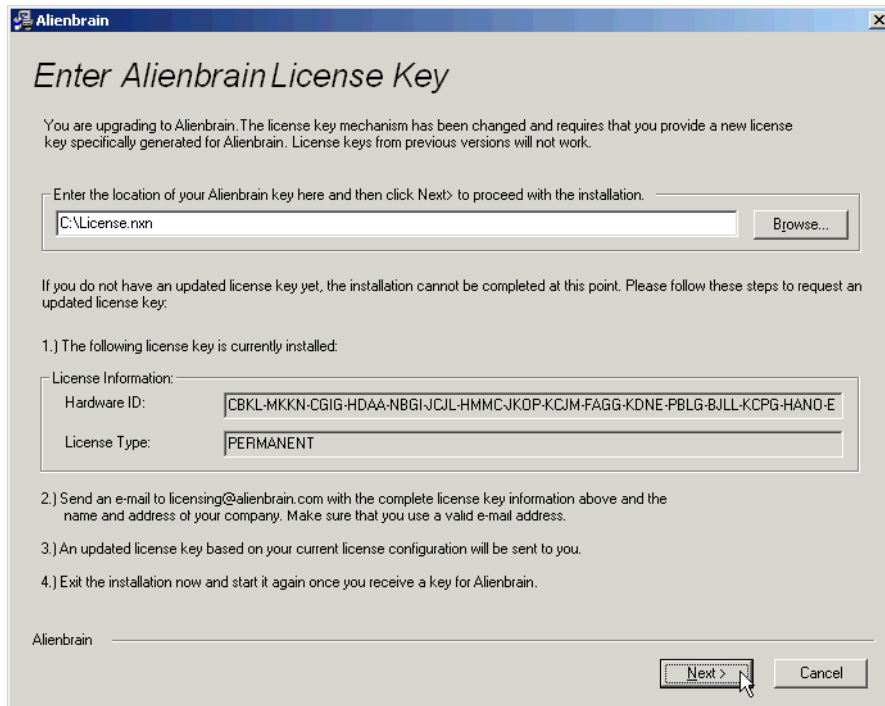


Figure 1: Enter 8.0 Key

Refer to the relevant instructions to follow for your upgrade before proceeding with the installation. See also: "Upgrading from Version 7.x" and "Upgrading from Version 6.x".

## Split Your Databases from Your Assets

Starting in version 7.1.1, splitting the project data (assets) from project database (metadata) has been possible. Since 7.5, it is possible to split the database for new projects using settings in the Administration Client. It is also possible, and recommended, to manually split the database for existing projects. After following any relevant upgrade instructions that follow, see the document entitled "Recommendation for Database Storage" in the Administration Guide for instructions.



The Alienbrain Version 8 Server setup routine offers the splitting as an option.

## Upgrading from Version 7.x

### Get a New Key First



**If you are upgrading to Alienbrain 8.0, you need to get a new key prior to installation.** You cannot complete the upgrade installation without an updated license key. Please e-mail the Hardware ID displayed in the Licenses view of the Administration Client to [licensing@alienbrain.com](mailto:licensing@alienbrain.com) and specify what type/how many licenses you need. The old client names are mapped to new clients as follows:

- **Manager Client > Advanced Client**
- **Designer Client > Essentials for Artists**
- **Developer Client > Essentials for Programmers**

The key will be provided by support in the form of a registration file (\*.nxn). Then you can then skip directly to the server installation chapter in the Installation Guide. No project conversion is required for an upgrade from version 7.x to 8.0.

#### License Key Meanings:

KEY-R: Reader

KEY-C: Essentials for Programmers (incl. Araxis Merge)

KEY-EI: Essentials for Artists

KEY-EIA: Essentials for Artists (incl. Araxis Merge)

KEY-I: Advanced Client

KEY-IA: Advanced Client (incl. Araxis Merge)

KEY-L: Advanced Cross-Platform for Linux Client

KEY-M: Advanced Cross-Platform for Mac OS Client

KEY-E: Advanced Cross-Platform for Windows Client

KEY-X: Cross-platform Client (If a client uses Key-M or Key-L, the server will first consult its M and L pools respectively, and only if there are no available M or L licenses will consult the X pool.)



The **alienbrain.xml** file which configures the preview server is overwritten at the time of upgrade because of significant changes to the preview server. The old file is backed up to **alienbrain.xml\_BAK**.

Please compare the two files and merge any necessary changes into the new **alienbrain.xml** file. In the new file, the ServerEnableDiskGuard setting is now "no" and the ServerCacheDiskTimeout setting is "200days". Previously only files older than 10 years were deleted, and in the new version, deleting old files is disabled (if enabled, the default is 200 days). Files are only deleted when disk space runs out (this is unchanged). Additionally the current file now has defaults of:

ServerCacheMemoryTimeout="2hours" (previously 12 hours)

ServerCacheGuardRescanDelay="1hours" (previously 1 day)

## Upgrading from Version 6.x

Because many significant changes have been made to the Alienbrain client and server for version 7 and later, **it is imperative that you read this document** so that the transition is as smooth as possible and you know what to expect from the new system. You will be informed of tests you should perform, files to check, settings to change, and any other adjustments necessary to ensure the correct results.

Please follow each step as outlined in this document for a successful upgrade. Feel free to contact Alienbrain at any time with questions or concerns.

### Before You Start



**If you are upgrading to Alienbrain 8.0, you need to get a new key prior to installation.** You cannot complete the upgrade installation without an updated license key. Please e-mail the Hardware ID displayed in the Licenses view of the Administration Client to [licensing@alienbrain.com](mailto:licensing@alienbrain.com) and specify what type/how many licenses you need. The old client names are mapped to new clients as follows:

- **Manager Client > Advanced Client**
- **Designer Client > Essentials for Artists**
- **Developer Client > Essentials for Programmers**

The key will be provided by support in the form of a registration file (\*.nxn).

#### **License Key Meanings:**

KEY-R: Reader

KEY-C: Essentials for Programmers (incl. Araxis Merge)

KEY-EI: Essentials for Artists

KEY-EIA: Essentials for Artists (incl. Araxis Merge)

KEY-I: Advanced Client

KEY-IA: Advanced Client (incl. Araxis Merge)

KEY-L: Advanced Cross-Platform for Linux Client

KEY-M: Advanced Cross-Platform for Mac OS Client

KEY-E: Advanced Cross-Platform for Windows Client

KEY-X: Cross-platform Client (If a client uses Key-M or Key-L, the server will first consult its M and L pools respectively, and only if there are no available M or L licenses will consult the X pool.)

## Time and Space Requirements

Be aware that projects prior to version 7 must be converted to accommodate a new server structure, and this is a time and space consuming process. **Allow at least 2-3 days for the upgrade process during which users will not have access to the project.**

The project converter installs part of the old server to load the old database, converts it to the new structure and creates the new projects. This requires more RAM than the old server to execute the task. Space requirements depend on the project size and machine specifications, but **you should have at least 2 times the amount of harddisk space as your .vcp and .pro files combined.**



Documentation about the project converter and the conversion is installed with the project converter.

Large projects should be converted with the support of Alienbrain. The upper limit of project size that can be converted has not yet been determined.

### Note Regarding Large Projects

With version 7, the Alienbrain server and the project converter (for upgrades) are able to use up to 3 GB RAM. Earlier versions of Alienbrain only supported 2 GB of RAM.

In order to get up to 3 GB from the operating system, the hardware and the OS need to support this.

1. You need 4 GB of RAM (because Windows needs RAM as well, 3 GB are a good starting point).
2. You need an operating system that supports this 3 GB per process option: Windows 2000 / XP / 2003
3. You must set a switch for the OS in order to support this. Usually it is add "/3GB" to the line in the boot .ini, e.g.

```
multi(0)disk(0)rdisk(0)partition(1)\WINDOWS="Microsoft
Windows 2003 Enterprise" /fastdetect
```

to

```
multi(0)disk(0)rdisk(0)partition(1)\WINDOWS="Microsoft
Windows 2003 Enterprise" /fastdetect /3GB
```

Please see the article "A Description of the 4 GB RAM Tuning Feature and the Physical Address Extension Switch" (<http://support.microsoft.com/default.aspx?kbid=291988>) for an explanation of the different OS behaviors with the /3GB and /PAE switches.

## Changes You Need to Know About Starting in Version 8

This document provides just a brief overview of the new features. For details please refer to the section „What's new in Alienbrain 8.0“ in the User's Guide and to the Release Notes.

### Relevant Server Changes

1. The Alienbrain database must reside on the Alienbrain server machine. The server will not load remote databases anymore. (This behaviour was already introduced with version 7.5.2)
2. **Branch specific Bucket management** allows you to selectively move older versions into special folders called buckets, now even with regard to certain branches.

### New Tools for Administrators

To assist you in installing and administrating this new system, the following tools have been implemented:

1. **Project Grouping** - it is now possible to put two or more projects together (= grouping) and schedule specific processes (such as database backup) for all projects contained in the group.
2. **Enhanced centralized administration** - With version 8, capabilities such as license management and database backup have been added to the centralized administration features.
3. A **consistency checker** in the Administration Client for verifying project files.

## Project Converter Codes and Messages

The following list details messages that may be reported in the Project Converter log, and which actions you should take.

### Serious Errors: Codes < 100

Code Number	Explanation	Recommendation
1	The converter produced an object without a server file.	Do not use this project.
2	The converter failed to create an object.	Do not use this project.
3	The converter calculated the wrong parent for an object.	Convert again without activity history (na).
4	The converter could not create a new project.	Check if a server is running with this project activated. Deactivate project and try again.
5	The converter miscalculated the inheritance relations of an object, i.e. this object is not in one of the branches anymore.	Do not use this project.
6	The converter placed a older version as latest in a branch.	Do not use this project.
7	The target server is too old.	Do not use this project, get a newer Alienbrain server ( $\geq 7.0.2$ )



**Warnings: 100 <= Codes < 1000**

Code Number	Explanation	Recommendation
100	The consistency checker found a problem unhandled by the project converter. This is either: * a problem already in the original project, unfixed by the converter  * a completely new test of the consistency checker	Use converted project, if it was OK before, it is now too.  Check the log file, converted project probably ok.
101	Folder share was pointing to the future: corrected.	Project is fine.
102	Two versions of the same object had the same time: corrected.	Project is fine.
103	An object was created before its parents (say the time stamp). This was probably corrected by the project converter.	Check the log.
104	Two versions of the same object have reverse order time stamps: corrected.	Project is fine.
105	An object was split but not changed (undo checkout). Custom properties on split are lost.	Project is fine.
106	An object was split but not changed (undo checkout). Custom properties on split are lost.	Project is fine.
107	An object was split and structurally changed (in one branch) but the time stamp was not showing this object time adopted.	Project is fine.
108	A master object had no parent at the correct time and could not be moved to a better place. Version lost. The server file is still there, but Alienbrain does not show this.	Manually import (check in) this version.

<b>109</b>	A version object had no parent at the correct time and could not be moved to a better place. Version Lost. The server file is still there but Alienbrain does not show this.	Check file to see if you need it.
<b>110</b>	Internal correction.	Project is fine.
<b>111</b>	A dependency has no source: dependency removed (object was deleted in version 6, but not the dependency).	Project is fine.
<b>112</b>	Due to timing issues, two objects tried to get the same name at the same time. The second object was renamed.	Check log whether rename is still in latest.
<b>113</b>	The converter found an object without a name, i.e. corrupted object. Object removed.	Project is fine.
<b>114</b>	The converter found an object without a BIH, i.e. corrupted object. Object removed.	Project is fine.
<b>115</b>	The consistency checker found a problem in the converted project that was inherited from the old version.	Check if this is a problem; the converted project is no worse than the original.
<b>116</b>	A deleted file has no server file.	Project is OK.
<b>117</b>	A problem with dependencies could not be fixed.	Check if this is a problem; the converted project is no worse than the original.
<b>118</b>	A bidirectional dependency is broken: removed.	Project is fine.
<b>119</b>	A deleted item can not be undeleted.	Check it if it is an important item that the server file is there.
<b>120</b>	A bucketed object misses its server file (in the original project).	Project is fine.
<b>121</b>	A version in the original project was corrupted: removed.	Project is fine.
<b>122</b>	Object was checked out: checkout state removed.	Project is fine.
<b>123</b>	Object was locked: lock state removed.	Project is fine.
<b>124</b>	Found a working path reference to a non-existent object: removed.	Project is fine.

<b>125</b>	The consistency checker threw an exception, not the converter.	Project is fine.
<b>126</b>	Internal message.	Project is fine.
<b>127</b>	Internal message,	Project is fine.
<b>128</b>	Project is hybrid: fixedserverpath + buckets. This makes conversion difficult. Activity history switched off.	Project is fine.
<b>129</b>	Object had an invalid time stamp. Set to something sensible.	Project is fine.
<b>130</b>	Internal message.	Project is fine.
<b>131</b>	Internal message.	Project is fine.
<b>132</b>	A share (server link) was broken in all branches: removed.	Project is fine.
<b>133</b>	A share (server link) was broken in one branch.	Project is fine.
<b>134</b>	Found a latest version without server file (in original project).	Project is fine, but check object.
<b>135</b>	Cannot create object because parent does not (yet) exist. Try to adjust time.	Check log whether adjustment worked (search for [error]).
<b>136</b>	Time adjustment failed because moving an object before its branch has strange side effects. Version lost.	Project otherwise fine.
<b>137</b>	Structural change information before object existed, information dropped (latest is fine).	Project is fine.
<b>138</b>	Object had an invalid name, name adjusted.	Project is fine.
<b>139</b>	The file Alias.xml could not be found. Some checks are not possible.	Project is fine.
<b>140</b>	The original project had a loop in its parent child structure. Loop removed.	Project is fine.
<b>141</b>	The original project had a folder share into the future which is not a bug in Alienbrain 6, but impossible in 7. Attempting to correct this.	Check log.

<b>142</b>	The converter is older than your server. The conversion might be OK, but it is better to use a newer converter.	Get a newer project converter.
<b>143</b>	Converter and target server have different version numbers. If you are not using a patch on the server or converter on purpose, consider using the converter from the current server.	Get the converter from the server upgrade.

### Information Messages: Codes $\geq$ 1000

Code Number	Explanation	Recommendation
<b>1000</b>	Master was not the latest, corrected.	Project is fine.
<b>1001</b>	Object destroyed to match original	Project is fine.
<b>1002</b>	Internal	Project is fine.
<b>1003</b>	Object time adjusted.	Project is fine.
<b>1004</b>	Object information completed.	Project is fine.
<b>1005</b>	Object was renamed to avoid a merge conflict. Rename it back to its correct name affects latest only.	Project is fine.

